

1968 OCT 30
OUT-618 2283

01824Z OCT 68 CITE 4929

PRIORITY

SUBJ: EVALUATION OF MISSION C168C

1. QUALITY SUMMARY: THE OVERALL QUALITY OF THIS MISSION IS GOOD. THE MAJORITY OF THE ACQUISITIONS WERE OBTAINED WITH THE CAMERA IN A NEAR VERTICAL POSITION CAUSING LESS THAN ONE-THIRD OF THE MISSION TO COVER TERRAIN. THE GROUND RESOLUTION AND PHOTO INTERPRETATION SUITABILITY ARE GOOD. CLOUDS OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE H CONFIGURATION CAMERA, UNIT NUMBER 1, WAS USED ON MISSION C168C, FLOWN 20 OCT 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE 5 WAS USED THROUGHOUT THE ENTIRE MISSION. THERE WERE THREE POINTING ANGLE CHANGES DURING THE ENTIRE MISSION.

B. THE COMBINATION OF FILM TYPE 50JH-2-2000 AND A WRITTEN 12 FILTER WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED

3. ORIGINAL NEGATIVE:

A. EXPOSURE: A SLIT VELOCITY OF 80 INCHES PER SECOND WAS USED.

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THROUGHOUT THE MISSION. THE EXPOSURE IS ADEQUATE THROUGHOUT.

B. DENSITY AND CONTRAST ARE GENERALLY MEDIUM.

C. IMAGE DEGRADATIONS: DOUBLE IMAGERY IS PRESENT ON FRAMES 1977 THRU 2144. THE POINTING ANGLE DURING THESE EXPOSURES WAS APPROXIMATELY 40 DEGREES. THE IMAGERY WAS GOOD PRIOR TO (NEAR VERTICAL POSITION) AND AFTER (65 DEGREES POINTING ANGLE) THESE EXPOSURES. PART OF THE LEFT FIDUCIAL WAS NOT IMAGED THROUGHOUT THE ENTIRE MISSION.

D. PHYSICAL DEGRADATIONS: HEAT SPLICES ARE PRESENT BETWEEN FRAMES 623/624, 1310/1311, 1390/1391 AND 2594/2595.

E. OTHER: A FEW FRAMES ARE SMEARED DUE TO POINTING ANGLE CHANGES.

3. POSITIVES: THE PRINTING AND PROCESSING WERE GOOD.

S E C R E T

-- END OF MESSAGE --

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